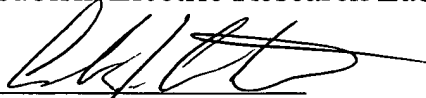


It is believed that this application is now in condition for allowance. A notice to this effect is respectfully requested. Should further questions arise concerning this application, the Examiner is invited to call Applicant's attorney at the number listed below. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 50-0749.

Respectfully submitted,

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Appendix to Preliminary Amendment Filed on October 12, 2001
(Additions are underlined and deletions are in brackets)

Adaptively Processing a Video Based-on Content Characteristics of Frames in the Video

[Cross-Reference to Related Application]

[This is a continuation-in-part of U.S. Patent Application Sn. 09/654,364 filed August 9, 2000 by Divakaran et al.]

Field of the Invention

This invention relates generally to processing videos, and more particularly to adaptively processing videos based on characteristics of content of frames of the video.

Background of the Invention

Standard Processing Techniques

Basic standards for processing a video encoded as a digital signal have been adopted by the Motion Picture Expert Group (MPEG). The MPEG standards achieve high data compression rates by developing information for full frames of the video only every so often. The full frames, i.e., intra-coded frames, are often referred to as "I-frames" or "reference frames," and contain full frame information independent of any other frames. Image difference frames, i.e., inter-coded frames, are often

referred to as “B-frames” and “P-frames,” or as “predictive frames,” and are encoded between the I-frames and reflect only image differences i.e., residues with respect to the reference frame.



Adaptively Processing a Video Based-on Content Characteristics of Frames in the Video

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